

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall having an external surface and an internal surface configured to be in contact with the product, the side wall including recesses facilitating radial deformation of the mold, the side wall being deprived of recesses opening out into the internal surface, at least one of said recesses having longitudinal edges having a length on the external surface, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess.
2. (Canceled)
3. (Previously Presented) A mold according to claim 1, wherein said recesses extend longitudinally over substantially an entire height of the mold all the way to a bottom end of the mold.
4. (Previously Presented) A mold according to claim 1, wherein said recesses are constituted by notches that are uniformly distributed in a periphery of the mold.
5. (Previously Presented) A mold according to claim 4, wherein said notches have bottoms that are rounded.
6. (Previously Presented) A mold according to claim 4, wherein a depth of the notches decreases on coming towards a bottom end of the mold.
7. (Previously Presented) A mold according to claim 6, wherein a maximum depth of the notches is greater than or equal to 4 mm.
8. (Previously Presented) A mold according to claim 4, having sixteen to twenty said notches.

9. (Previously Presented) A mold according to claim 1, wherein a thickness of the side wall in the recesses is greater than or equal to 1mm.
10. (Previously Presented) A mold according to claim 8, having eighteen said notches.
11. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, portions of the edges adjacent to a periphery of the mold being spaced apart over at least a part of the length prior to a deformation of the mold, said portions being located at a position other than an upper end and a bottom end of the recess and wherein the mold has a cavity with a sloping bottom wall.
12. (Canceled)
13. (Previously Presented) A mold according to claim 11, wherein said recesses extend longitudinally over substantially an entire height of the mold all the way to a bottom end of the mold.
14. (Previously Presented) A mold according to claim 11, wherein said recesses are constituted by notches that are uniformly distributed in the periphery of the mold.
15. (Previously Presented) A mold according to claim 14, wherein said notches have bottoms that are rounded.
16. (Previously Presented) A mold according to claim 14, wherein a depth of the notches decreases on coming towards a bottom end of the mold.
17. (Previously Presented) A mold according to claim 16, wherein a maximum depth of the notches is greater than or equal to 4 mm.
18. (Previously Presented) A mold according to claim 14, having sixteen to twenty said notches.

19. (Previously Presented). A mold according to claim 18, having eighteen said notches.

20. (Previously Presented) A mold according to claim 11, wherein a thickness of the side wall in the recesses is greater than or equal to 1 mm.

21. (Previously Presented) A mold according to claim 11 having an external surface and an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

22. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, and wherein the mold has a cavity having a part formed by two successive conical surfaces converging towards an opening of the mold.

23. (Canceled)

24. (Previously Presented) A mold according to claim 22, wherein said recesses extend longitudinally over substantially an entire height of the mold all the way to a bottom end of the mold.

25. (Previously Presented) A mold according to claim 22, wherein said recesses are constituted by notches that are uniformly distributed in a periphery of the mold.

26. (Previously Presented) A mold according to claim 25, wherein said notches have bottoms that are rounded.

27. (Previously Presented) A mold according to claim 25, wherein a depth of the notches decreases on coming towards a bottom end of the mold.

28. (Previously Presented) A mold according to claim 27, wherein a maximum depth of the notches is greater than or equal to 4 mm.

29. (Previously Presented) A mold according to claim 25, having sixteen to twenty said notches.

30. (Previously Presented) A mold according to claim 29, having eighteen said notches.

31. (Previously Presented) A mold according to claim 22, wherein a thickness of the side wall in the recesses is greater than or equal to 1 mm.

32. (Previously Presented) A mold according to claim 22, having an external surface and an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

33. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, and wherein the mold has a top portion having a flange.

34. (Canceled)

35. (Previously Presented) A mold according to claim 33, wherein said recesses extend longitudinally over substantially the entire height of the mold all the way to a bottom end of the mold.

36. (Previously Presented) A mold according to claim 33, wherein said recesses are constituted by notches that are uniformly distributed in a periphery of the mold.

37. (Previously Presented) A mold according to claim 36, wherein said notches have bottoms that are rounded.

38. (Previously Presented) A mold according to claim 36, wherein a depth of the notches decreases on coming towards a bottom end of the mold.

39. (Previously Presented) A mold according to claim 38, wherein a maximum depth of the notches is greater than or equal to 4 mm.

40. (Previously Presented) A mold according to claim 36, having sixteen to twenty said notches.

41. (Previously Presented) A mold according to claim 40, having eighteen said notches.

42. (Previously Presented) A mold according to claim 33, wherein a thickness of the side wall in the recesses is greater than or equal to 1 mm.

43. (Previously Presented) A mold according to claim 33, having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

44. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, and wherein the mold has a flange surrounding an opening of the mold.

45. (Canceled)

46. (Previously Presented) A mold according to claim 44, wherein said recesses extend longitudinally over substantially an entire height of the mold all the way to a bottom end of the mold.

47. (Previously Presented) A mold according to claim 44, wherein said recesses are constituted by notches that are uniformly distributed in a periphery of the mold.

48. (Previously Presented) A mold according to claim 47, wherein said notches have bottoms that are rounded.

49. (Previously Presented) A mold according to claim 47, wherein a depth of the notches decreases on coming towards a bottom end of the mold.

50. (Previously Presented) A mold according to claim 49, wherein a maximum depth of the notches is greater than or equal to 4 mm.

51. (Previously Presented) A mold according to claim 47, having sixteen to twenty said notches.

52. (Previously Presented) A mold according to claim 51, having eighteen said notches.

53. (Previously Presented) A mold according to claim 44, wherein a thickness of the mold wall in the recesses is greater than or equal to 1 mm.

54. (Previously Presented) A mold according to claim 44, having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

55. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold,

and spaced from an upper end of the recess and from a bottom end of the recess, and wherein the mold has an opening defined at least partially by a conical surface, the conical surface having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into said internal surface.

56. (Canceled)

57. (Previously Presented) A mold according to claim 55, wherein said recesses extend longitudinally over substantially the entire height of the mold all the way to a bottom end of the mold.

58. (Previously Presented) A mold according to claim 55, wherein said recesses are constituted by notches that are uniformly distributed in the periphery of the mold.

59. (Previously Presented) A mold according to claim 57, wherein said notches have bottoms that are rounded.

60. (Previously Presented) A mold according to claim 58, wherein the depth of the notches decreases on coming towards a bottom end of the mold.

61. (Previously Presented) A mold according to claim 60, wherein the maximum depth of the notches is greater than or equal to 4 mm.

62. (Previously Presented) A mold according to claim 58, having sixteen to twenty notches.

63. (Previously Presented) A mold according to claim 62, having eighteen notches.

64. (Previously Presented) A mold according to claim 55, wherein the thickness of the mold wall in the recesses is greater than or equal to 1 mm.

65. (Canceled)

66. (Previously Presented) A mold according to claim 33, having a cavity with a sloping bottom wall.

67. (Previously Presented) A mold according to claim 44, having a cavity with a sloping bottom wall.

68. (Previously Presented) A mold according to claim 55, having a cavity with a sloping bottom wall.

69. (Previously Presented) A mold according to claim 1, configured to be filled with a cosmetic product.

70. (Previously Presented) A mold according to claim 11, configured to be filled with a cosmetic product.

71. (Previously Presented) A mold according to claim 22, configured to be filled with a cosmetic product.

72. (Previously Presented) A mold according to claim 33, configured to be filled with a cosmetic product.

73. (Previously Presented) A mold according to claim 44, configured to be filled with a cosmetic product.

74. (Previously Presented) A mold according to claim 55, configured to be filled with a cosmetic product.

75. (Currently Amended) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall including recesses, facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, at least one of said recesses extending longitudinally beyond a bottom of an inner cavity of said mold.

76. (Previously Presented) A mold according to claim 75, having a cavity with a sloping bottom wall.

77. (Canceled)
78. (Previously Presented) A mold according to claim 75, wherein said recesses are constituted by notches that are uniformly distributed in the periphery of the mold.
79. (Previously Presented) A mold according to claim 78, wherein said notches have bottoms that are rounded.
80. (Previously Presented) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall which includes notches facilitating radial deformation thereof, at least one of said notches extending longitudinally beyond a bottom of an inner cavity of said mold, and wherein the depth of the notches decreases on coming towards a bottom end of the mold.
81. (Previously Presented) A mold according to claim 80, wherein a maximum depth of the notches is greater than or equal to 4 mm.
82. (Previously Presented) A mold according to claim 78, having sixteen to twenty notches.
83. (Previously Presented) A mold according to claim 82, having eighteen notches.
84. (Previously Presented) A mold according to claim 75, wherein a thickness of the side wall in the zones of weakness is greater than or equal to 1 mm.
85. (Previously Presented) A mold according to claim 75, having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.
86. (Previously Presented) A mold according to claim 75, configured to be filled with a cosmetic product.
87. (Withdrawn-Currently Amended) A method for manufacturing a stick of a cosmetic product, comprising:

pouring said product in a mold having a side wall including recesses facilitating radial deformation of the mold, at least one of said recesses having longitudinal edges having a length on an external surface of the side wall, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, and

wherein the mold has at least one of:

the side wall being deprived of recesses opening out into an internal surface of the side wall;

a cavity with a sloping bottom wall;

a cavity having a part formed by two successive conical surfaces converging towards an opening of the mold;

a top portion having a flange;

a flange surrounding an opening of the mold;

an opening defined at least partially by a conical surface, the conical surface having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into said internal surface; and

at least one of said recesses extending longitudinally beyond a bottom of an inner cavity of said mold.

88. (Canceled)

89. (Withdrawn) A method according to claim 87, wherein said recesses extend longitudinally over substantially the entire height of the mold all the way to a bottom end of the mold.

90. (Withdrawn) A method according to claim 87, wherein said recesses are constituted by notches that are uniformly distributed in the periphery of the mold.

91. (Withdrawn) A method according to claim 90, wherein said notches have bottoms that are rounded.

92. (Withdrawn) A method according to claim 90, wherein the depth of the notches decreases on coming closer to a bottom end of the mold.

93. (Withdrawn) A method according to claim 92, wherein the maximum depth of the notches is greater than or equal to 4 mm.

94. (Withdrawn) A method according to claim 90, having sixteen to twenty notches.

95. (Withdrawn) A method according to claim 94, having eighteen notches.

96. (Withdrawn) A method according to claim 87, wherein the thickness of the side wall in the zones of weakness is greater than or equal to 1 mm.

97. (Withdrawn) A method according to claim 87, having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

98. (Withdrawn) A method according to claim 87, further comprising applying a suction to an outside of the mold for expanding the mold.

99. (Currently Amended) A mold for manufacturing a stick, wherein the mold has at least one notch facilitating radial deformation of said mold, said notch having longitudinal edges having a length on an external surface of the mold, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least a part of the length prior to a deformation of the mold, and spaced from an upper end of the recess and from a bottom end of the recess, and said notch having a depth decreasing along a length of said notch towards a bottom end of the mold

100. (Previously Presented) A mold according to claim 99, wherein the at least one notch comprises a plurality of notches.

101. (Previously Presented) A mold for manufacturing a stick, wherein the mold comprises at least one notch facilitating radial deformation of said mold, said notch having a depth decreasing along a length of said notch towards a bottom end of the mold, and wherein said notches extend longitudinally over substantially an entire height of the mold all the way to the bottom end of the mold.

102. (Previously Presented) A mold according to claim 100, wherein said notches are uniformly distributed at a periphery of the mold.

103. (Previously Presented) A mold according to claim 99, wherein the at least one notch comprises a bottom that is rounded.

104. (Previously Presented) A mold according to claim 99, wherein a maximum depth of the at least one notch is greater than or equal to 4 mm.

105. (Previously Presented) A mold according to claim 100, wherein the at least one notch comprises sixteen to twenty notches.

106. (Previously Presented) A mold according to claim 99, wherein a thickness of the side wall in the at least one notch is greater than or equal to 1 mm.

107. (Previously Presented) A mold according to claim 105, wherein the at least one notch comprises eighteen notches.

108. (Previously Presented) A mold according to claim 99, wherein the mold has a cavity with a sloping bottom wall.

109. (Previously Presented) A mold according to claim 99, wherein the mold has a cavity having a part formed by two successive conical surfaces converging towards an opening of the mold.

110. (Previously Presented) A mold according to claim 99, wherein the mold has a top portion having a flange.

111. (Previously Presented) A mold according to claim 99, wherein the mold has a flange surrounding an opening of the mold.

112. (Previously Presented) A mold according to claim 99, wherein the mold has an opening defined at least partially by a conical surface.

113. (Previously Presented) A mold according to claim 99, having an internal surface configured to be in contact with the product, the side wall being deprived of recesses opening out into the internal surface.

114. (Previously Presented) A mold according to claim 99, configured to be filled with a cosmetic product.

115. (Previously Presented) A mold for manufacturing a stick, wherein the mold has at least one notch facilitating radial deformation of said mold, said notch having longitudinal edges having a length on an external surface of the mold, portions of the edges adjacent to a periphery of the mold being spaced apart over at least a part of the length prior to a deformation of the mold, and said notch having a depth decreasing along a length of said notch towards a bottom end of the mold, wherein the at least one notch extends longitudinally beyond a bottom of an inner cavity of said mold.

116. (Withdrawn) A method according to claim 87, wherein the product is poured at a temperature of about 100 °C.

117. (Withdrawn) A method according to claim 87, wherein the product contains polydimethyl siloxane silicone.

118. (Previously Presented) A mold according to claim 1, wherein the mold is made of a material that is physically and chemically compatible with polydimethyl siloxane silicone at a temperature of about 100 °C.

119. (Previously Presented) A mold according to claim 1, wherein the mold is made of fluoro silicone rubber.

120-128. (Canceled)

129. (Previously Presented) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall having an external surface and an internal surface configured to be in contact with the product, the side wall including recesses facilitating radial deformation of the mold, the side wall being deprived of recesses opening out into the internal surface, at least one of said recesses having longitudinal edges having a length on the external surface, the edges comprising portions that extend on the whole length of the recess adjacent to a periphery of the mold and that are spaced apart.

130. (Previously Presented) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall having an external surface and an internal surface configured to be in contact with the product, the side wall including recesses facilitating radial deformation of the mold, the side wall being deprived of recesses opening out into the internal surface, at least one of said recesses having longitudinal edges having a length on the external surface, the edges comprising portions that are adjacent to a periphery of the mold and spaced apart over at least part of the length prior to a deformation of the mold, wherein the recess has a depth and wherein the depth of the recess decreases on coming towards a bottom end of the mold.

131. (Previously Presented) A mold for manufacturing a stick of a cosmetic product, wherein the mold has a side wall having an external surface and an internal surface configured to be in contact with the product, the side wall including recesses facilitating radial deformation of the mold, the side wall being deprived of recesses opening out into the internal surface, at least one of said recesses having longitudinal edges having a length on the external surface, the edges comprising planar portions that are adjacent to a periphery of the mold and are spaced apart over at least a part of the length prior to a deformation of the mold.